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## What Is Claimed Is:

- A command data conversion device for use in a printing system, comprising:
- a command interpreter that receives print command data including commands to be used in print control and associated data and interprets contents of the print command data; and
- a processor that receives at least either of the commands and the associated data and executes prescribed processing, and wherein

the command interpreter has command registers that can store multiple commands and into which the multiple commands may be written at least when the command data conversion device is manufactured, and that, when a command included in the print command data matches any of the multiple commands stored in the command registers, sends to the processor at least one of either the command or the associated data.

- The command data conversion device according to claim 1, wherein the command registers are rewritable memories.
- 3. The command data conversion device according to claim 1, wherein prior to the interpretation of the print command data, when the commands to be stored in the command registers are supplied by an external device, the command interpreter stores in the command registers the commands to be stored.
- The command data conversion device according to claim 3, wherein the command data conversion device is an Application-Specific Integrated Circuit.
- The command data conversion device according to claim 2, wherein when first command data including a first data forwarding command and first

image data expressed in terms of a first color system is supplied as the print command data

- (i) the command interpreter sends the first image data to the processor, and
- (ii) the processor executes as the prescribed processing to convert the input first image data into second image data expressed in terms of a second color system.
- The command data conversion device according to claim 5, wherein the second image data is expressed in terms of a color system using ink colors used in the printing system.
- 7. The command data conversion device according to claim 5, further comprising a data synthesizer that synthesizes multiple blocks of image data, and wherein when second command data comprising a second data forwarding command and the second image data expressed in terms of the second color system is supplied as the print command data,
- (iii) the command interpreter sends to the data synthesizer the second image data provided with the second data forwarding command,
- (iv) the processor generates third image data expressed in terms of the second color system through conversion of the first image data, and
- (v) the data synthesizer synthesizes the second image data supplied by the command interpreter and the third image data supplied by the processor.
- 8. A command data conversion device for use in a printing system, comprising:
  - a processor that receives multiple image data sets corresponding to multiple inks used in the printing system and performs prescribed processing;
- a counter that counts a number of the image data sets received by the 30 -processor; and

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ink color data registers that store multiple ink color data indexes indicating which of multiple inks is to be used, and into which the multiple ink color data indexes may be written at least when the command data conversion device is manufactured, and wherein

the processor generates data by adding to each of the image data sets a corresponding one of the ink color data indexes stored in the registers in accordance with a value of the counter when each of the image data sets is received.

 The command data conversion device according to claim 8, wherein the ink color data registers are rewritable memories.

## 10. A printing apparatus comprising:

a command data converter, the command data converter including:

a command interpreter that receives print command data including commands used in print control and associated data and interprets the contents of the print command data; and

a processor that receives at least one of either the commands or the data and executes prescribed processing, and wherein

the command interpreter has command registers in which multiple commands are rewritably stored, and

when a command included in the print command data matches any of the multiple commands stored in the command registers, sends to the processor at least one of either the matching command or the associated data.

- 11. The printing apparatus according to claim 10, wherein when first command data comprising a first data forwarding command and first image data expressed in terms of a first color system is supplied as the print command data,
- (i) the command interpreter sends the first image data to the processor, and

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- (ii) the processor executes as the prescribed processing to convert the input first image data into second image data expressed in terms of a second color system.
- 12. The printing apparatus according to claim 11, wherein the second image data is expressed in terms of a color system using ink colors used in the printing apparatus.
- 13. The printing apparatus according to claim 11, wherein the command data converter further comprises a data synthesizer that synthesizes multiple blocks of image data, and wherein when second command data comprising a second data forwarding command and the second image data expressed in the second color system is supplied as the print command data,
- (iii) the command interpreter sends to the data synthesizer the second image data provided with the second data forwarding command,
- (iv) the processor generates third image data expressed in terms of the second color system through conversion of the first image data, and
- (v) the data synthesizer synthesizes the second image data supplied by the command interpreter and the third image data supplied by the processor.
- 14. A printing apparatus used in a printing system, the printing apparatus comprising:
- a processor that receives multiple image data sets corresponding to the multiple inks used in the printing apparatus and performs prescribed processing;
- a counter that counts a number of the image data sets received by the processor; and
- ink color data registers that store multiple ink color data indexes indicating which of multiple inks is to be used, and wherein

the processor generates data by adding to each of the image data sets a corresponding one of the ink color data indexes stored in the registers in accordance with a value of the counter when each of the image data sets is received.